## **EAST Search History**

## EAST Search History (Prior Art)

| Ref #      | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|---|---------------------|---------|---------------------|
| S1         | 4    | "7312820".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/09/11<br>22:22 |
| S2         | 2    | "6288695".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/09/11<br>22:23 |
| S3         | 3    | "5976086".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/09/11<br>22:23 |
| <b>S</b> 4 | 12   | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/09/11<br>22:51 |
| 95         | 0    | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same current same frame\$1 same urrent same image\$1 and modify\$3 same current same trame\$1 and modify\$3 same current same frame\$1 and increas\$4 same decreas\$4 same luminance same output\$4 | US-PGFUE;<br>USPAT; FPRS;<br>EPO; JPO;<br>DEFWENT;<br>IBM_TDB | OR                  | OFF     | 2010/09/11<br>22:52 |

| <b>S</b> 6 | 0     | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1 and modify\$3 same current same frame\$1 and (increas\$4 or decreas\$4) same luminance same output\$4   | US-PCF-UE;<br>USPAT; FPTS;<br>EPC; JPC;<br>DETWIENT;<br>IBM_TDB | OR | OFF | 2010/09/11          |
|------------|-------|---|---|----|-----|---------------------|
| <b>S</b> 7 | 12    | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1 and modify\$3 same current same frame\$1 same frame\$1 same frame\$1 same same frame\$1 same frame\$1 same frame\$1 same frame\$1 same frame\$1 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DEFWENT;<br>IBM_TDB   | OR | OFF | 2010/09/11<br>22:53 |
| S8         | 51379 | modify\$3 same video same image\$1 same (compris\$2 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1 and modify\$3 same current same frame frame\$1 and (chang\$4 or modify\$4) luminance same output\$4   | US PGPUB;<br>USPAT; FPPS;<br>EPC; JPC;<br>DERWENT;<br>IBM_TDB   | OR | OFF | 2010/09/11<br>22:54 |

| <b>S</b> 9 | O | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 and modify\$3 same current same frame\$1 and (chang\$4 or modify\$4) same luminance same output\$4                                     | US-PCT-US;<br>USPAT; FPRS;<br>EPO; JPO;<br>DET-WENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>22:55 |
|------------|---|---|---|----|-----|---------------------|
| S10        | 0 | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1 and modify\$3 same current same frame\$1 and (chang\$4 or modify\$4) same luminance                           | US-PGPUB;<br>USPAT; FPRS;<br>EPC; JPC;<br>DEFWENT;<br>IBM_TDB   | OR | OFF | 2010/09/11<br>22:55 |
| S11        | 0 | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same trame\$1 same trame\$1 same current same frame\$1 same video same image\$1 and modify\$3 same current same frame\$1 and luminance | US-PCPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB   | OR | OFF | 2010/09/11<br>22:55 |

| S12 | 0   | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and receiv\$3 same portion same current same frame\$1 same video same image\$1 and modify\$3 same current same frame\$1 and luminance   | US-PGPUB;<br>USPAT; PPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>22:56 |
|-----|-----|--|---|----|-----|---------------------|
| S13 | 0   | modify\$3 same video same image\$1 same (compris\$3 or includ \$4) and plural\$4 same sequential same frame\$1 and display \$3 and recei\\$3 same current same frame\$1 same urrent same image\$1 and modify\$3 same current same risame\$1 and modify\$3 same current same frame\$1 and brightness  | US-PGPUB;<br>USPAT; PPRS;<br>EPO; JPO;<br>DEFWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>22:56 |
| S14 | 12  | modify\$3 same video same image\$1 same (compris\\$3 or includ \$4) and plural\\$4 same sequential same frame\\$1 and display \\$3 and receiv\\$3 same portion same current same frame\\$1 same video same image\\$1 and modify\\$3 same current same frame\\$1 same frame\\$1 same frame\\$1 rame\\$1 rame\\$ | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>22:56 |
| S15 | 2   | "6915019".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>22:59 |
| S16 | 149 | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>same receiv\$4 same<br>image\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>23:03 |
| S17 | 49  | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>same receiv\$4 adj<br>image\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>23:03 |

| S18 | 1  | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>adj receiv\$4 adj image<br>\$1   | US PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>23:03 |
|-----|----|---|---|----|-----|---------------------|
| S19 | 10 | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>same receiv\$4 same<br>image\$1 and increas<br>\$4 same decreas\$4<br>same luminance                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>23:05 |
| S20 | 3  | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>same receiv\$4 same<br>image\$1 and increas<br>\$4 same decreas\$4<br>same luminance same<br>output\$4 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/11<br>23:05 |
| S21 | 0  | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>adj voltage\$1 adj<br>receiv\$4 adj image\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>07:58 |
| S22 | 1  | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>adj receiv\$4 adj image<br>\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:00 |
| S23 | 2  | "20050068343" and<br>overdriv\$4  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:02 |
| S24 | 1  | "20050068343" and<br>overdriv\$4 same<br>voltage\$!   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:02 |
| S25 | 0  | (LCD or liquid same crystal same display \$3) and overdriv\$4 adj voltage\$1 same receiv\$4 same image \$1 and increas\$4 same decreas\$4 same luminance same output\$5       | US PCPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:03 |

| \$26 | 0 | (LCD or liquid same<br>crystal same display<br>\$3) and overdriv\$4<br>same voltage\$1 same<br>receiv\$4 same image<br>\$1 and increas\$4<br>same decreas\$4 same<br>luminance same<br>output\$4 | US-PCPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:04 |
|------|---|--|---|----|-----|---------------------|
| S27  | 3 | (LCD or liquid same crystal same display \$3) and overdriv\$4 same receiv\$4 same image\$1 and increas \$4 same luminance same output\$4   | US-PGPUB;<br>USPAT; FPRS;<br>EFO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:04 |
| \$28 | 1 | (LCD or liquid same crystal same display \$3) and overdriv\$4 same receiv\$4 same image\$1 and overdriv \$\$ same voltage\$1 and increas\$4 same decreas\$4 same luminance same output\$4        | US PCPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:04 |
| \$29 | 1 | (LCD or liquid same crystal same display \$3) and overdriv\$4 same receiv\$4 same image\$1 and overdriv \$\$ adj voltage\$1 and increas\$4 same decreas\$4 same luminance same output\$4         | US PCPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>08:05 |
| S30  | 4 | "7312820".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:00 |
| S31  | 0 | "7312820".pn. and overdriv\$4 same voltage\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:02 |
| S32  | 0 | "7312820".pn. and<br>current   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:02 |

| S33 | 0  | "7312820".pn. and overdriv\$4   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:02 |
|-----|----|---|---|----|-----|---------------------|
| S34 | 0  | "7312820".pn. and voltage\$1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:03 |
| S35 | 2  | "6288695".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:18 |
| S36 | 3  | "5976086".pn.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:19 |
| S37 | 1  | "6288695".pn. and<br>increas\$\$ and decreas<br>\$4                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:23 |
| S38 | 1  | "02523594"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>09:28 |
| S39 | 6  | "2523594"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>10:07 |
| S40 | 0  | "2523594B"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>11:32 |
| S41 | 6  | "2523594"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>11:32 |
| S42 | 36 | horikawa-cho and<br>saiwai-ku and<br>kawasaki-shi and<br>kanagawa-ken | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/09/17<br>11:42 |

| S43         | 0     | horikawa-cho and<br>saiwai-ku and<br>kawasaki-shi and<br>kanagawa-ken and<br>ultrasonic   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | woff | 2010/09/17<br>11:45 |
|-------------|-------|---|---|----|------|---------------------|
| S44         | 47405 | kabushiki same<br>kaisha same toshiba   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:46 |
| S45         | 31    | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:47 |
| S46         | 0     | kabushiki same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment and<br>horikawa-cho and<br>saiwai-ku and<br>kawasaki-shi and<br>kanagawa-ken  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:48 |
| S47         | 0     | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment and<br>horikawa-cho  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:48 |
| S48         | 0     | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>diagnostic same<br>ku and kawasaki-shi<br>and kanagawa-ken               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:48 |
| <b>S4</b> 9 | 0     | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment and saiwai-<br>ku  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17          |
| S50         | 0     | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>ediagnostic same<br>kawasaki-shi and<br>kawasaki-shi and<br>kanagawa-ken | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:48 |

| S51 | 0      | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment and<br>kawasaki-shi                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |    | WOFF | 2010/09/17<br>11:49 |
|-----|--------|---|---|----|------|---------------------|
| S52 | 0      | kabushiki same<br>kaisha same toshiba<br>and ultrasonic same<br>diagnostic same<br>equipment and<br>kanagawa-ken                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2010/09/17<br>11:49 |
| S53 | 15     | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:24 |
| S54 | 7      | receiv\$3 same image<br>\$1 same modif\$4<br>same overdriv\$4<br>same pixel   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:24 |
| S55 | 197174 | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel<br>and increas\$3 same<br>decreas\$3 same pixel<br>\$1 luminance      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:29 |
| S56 | 3      | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel<br>and increas\$3 same<br>decreas\$3 same pixel<br>\$1 same luminance | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:29 |
| S57 | 3      | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel<br>and increas\$3 same<br>decreas\$3 and pixel<br>\$1 same luminance  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:30 |
| S58 | 5      | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel<br>and (increas\$3 and<br>decreas\$3) and pixel<br>\$1 same luminance | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2011/01/09<br>14:38 |

| S59 | 5 | \$1 and modif\$4 same  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/01/09<br>14:39 |
|-----|---|--|---|----|-----|---------------------|
| S60 | 7 | receiv\$3 same image<br>\$1 and modif\$4 same<br>overdriv\$4 same pixel<br>and pixel\$1 and<br>luminance |   | OR | OFF | 2011/01/09<br>14:39 |

## EAST Search History (Interference)

<This search history is empty>

1/9/2011 5:43:46 PM

H:\ East\ Workspaces\ 10676312 09-12-2010.wsp